13	August	1968	
			25 X 1

TITLE: Image Analysis Program

Report No. TO-B 67-20 on Image

25X1

Analysis, Dated 21 April 1967

WORK PROGRAM: Infectious development experiment consisting of counting the silver halide grains isolated singles and in clumps that were not developed in a 21 step density tablet made with sub-mono grain layer model emulsion No-2-0056 obtained 21 June 1968.

PROCEDURES:

- 1. This experiment consists of making seven photomicrographs of step 11 in a 21 step density tablet exposed on sub-mono'grain layer model emulsion, developed in D-19 5 minutes at 68° F, washed 31 minutes, treated to EK Co. Stop Bath 5 minutes, photo flo solution for 2 minutes and dried without swabbing. Step tablet not cleared in Hypo Fixing Bath.
- 2. Micrographs were printed high contrast in the positive form on 8×10 inches D.W. Matt Photo Paper.
- 3. Total grains undeveloped single isolated and those in clumps were counted.
- 4. Isolated undeveloped singles were counted and calculated to express percentage of total counted.
- 5. Any change in percent singles represents a development bias which arises from their difference in environment. The difference is a measure of the infectiousness of development.
 - 6. See attachments 1 and 2.

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			PROGRAM Sollos S		1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Port Contract Contrac	FER CONTROLL SINGUENTOCE /C	25X1
7.		.34	190	31	870	680	3.56%	
2.	To the control of the	.34	189	34	870	631	3.90%	78.27%
3.	11.	.34	196	28	370	674	3.21%	77.47%
4.	11.	.34	177	26	870	693	2.98%	77.65%
5.	11,	.34	183_	31	870	687	3.44%	78.967
6.	11.	•34	214	47	870	656	5.40%	75.40%
7.	11.	.34	232	40	870	638	4.59%	73.03 %

EMULSION # N.2.0056 D-19 5 MIN. 68°F.

